LIST OF CONTENTS

VOLUME 218

Page

ALCOCK, J., Annual variation in the mating system of the dragonfly *Paltothemis lineatipes* (Anisoptera: Libellulidae) 597

ALEXANDER, R. MCN., On the synchronization of breathing with running in wallabies (*Macropus* spp.) and horses (*Equus caballus*) 69

ALEXANDER, R. MCN. and TRESTIK, C. L., Bistable properties of the hock joint of horses (*Equus* spp.) 383

ARAD, Z., GOLDENBERG, S. and HELLER, J., Resistance to desiccation and distribution patterns in the land snail *Sphincterochila* 353

BELLWOOD, D. R. and PEREZ, O. S., Sexual differences in the absolute growth pattern of the Indo-Pacific sandy shore crab *Matuta lunaris* 603

BIRKHEAD, T. R., The intelligent sperm? A concise review of sperm competition 347

BRIEF REVIEWS, *see* BIRKHEAD, T. R. 347

CALOW, P. 701

BROM, T. G. and PRINS, T. G., Microscopic investigation of feather remains from the head of the Oxford dodo, *Raphus cucullatus* 233

BURTON, D. and BURTON, M. P. M., Epidermal characteristics of reproductive subsets in an inshore population of winter flounder, *Pseudopleuronectes americanus* 637

CALOW, P., Ecotoxicology? 701

CURREY, J. D. and POND, CAROLINE M., Mechanical properties of very young bone in the axis deer (*Axis axis*) and humans 59

DANFORTH, B. N., The evolution of hymenopteran wings: the importance of size 247

DEGEN, A. A. and GERSANI, M., Environmental effects on activity and honeydew collection by the weaver ant *Polyrhachis simplex* (Hymenoptera: Formicidae) when attending the mealybug *Trabutina* sp. (Homoptera: Pseudococcidae) 421

DEMPSTER, E. R. and PERRIN, M. R., Maternal behaviour and neonatal development in three species of Namib Desert rodents 407

EVANS, P. G. H., MACDONALD, D. W. and CHEESEMAN, C. L., Social structure of the Eurasian badger (*Meles meles*): genetic evidence 587

FITZGIBBON, CLARE D. and FANSHAWE, J. H., The condition and age of Thomson's gazelles killed by cheetahs and wild dogs 99

FRETTER, VERA, The anatomy of some new archaeogastropod limpets (Superfamily Peltospiracea) from hydrothermal vents 123

GOSLINE, W. A., Two patterns of differentiation in the jaw musculature of teleostean fishes 649

HEIDEMAN, P. D. and HEANEY, L. R., Population biology and estimates of abundance of fruit bats (Pteropodidae) in Philippine submontane rainforest 565

HEMMINGS, A. D., Communally breeding skuas: breeding success of pairs, trios and groups of *Catharacta lonnbergi* on the Chatham Islands, New Zealand 393

HUNTER, R. D. and ELDER, H. Y., Burrowing dynamics and energy cost of transport in the soft-bodied marine invertebrates *Polyphysia crassa* and *Priapulus caudatus* 209

HYVÄRINEN, H., Diving in darkness: whiskers as sense organs of the ringed seal (*Phoca hispida saimensis*) 663

IBRAHIM, M. M. and WILSON, I. B., Light and electron microscope studies on ovarian follicles in the lizard *Chalcides ocellatus* 187

JOSS, J. M. P., Gonadal development and differentiation in *Alligator mississippiensis* at male and female producing incubation temperatures 679

KORN, H., The annual cycle in body weight of small mammals from the Transvaal, South Africa, as an adaptation to a subtropical seasonal environment 223

LIPINSKI, M. R. and JACKSON, S., Surface-feeding on cephalopods by procellariiform seabirds in the southern Benguela region, South Africa 549

LOWE, V. P. W. and GARDINER, A. S., Are the New and Old World wapitis (*Cervus canadensis*) conspecific with red deer (*Cervus elaphus*)? 51

MCGOWAN, C., Feather structure in flightless birds and its bearing on the question of the origin of feathers 537

MILLER, P. J. and SMITH, R. MCK., The West African species of *Bathygobius* (Teleostei: Gobiidae) and their affinities 277

MITHTHAPALA, S., SEIDENSTICKER, J., PHILLIPS, L. G., FERNANDO, S. B. U. and SMALLWOOD, J. A., Identification of individual leopards (*Panthera pardus kotiya*) using spot pattern variation 527

MORTON, B. and THURSTON, M. H., The functional morphology of *Propeamussium lucidum* (Bivalvia: Pectinacea), a deep-sea predatory scallop 471

NOLET, B. A. and KRUUK, H., Grooming and resting of otters *Lutra lutra* in a marine habitat 433

O'HALLORAN, J., MYERS, A. A. and DUGGAN, P. F., Some sub-lethal effects of lead on mute swan *Cygnus olor* 627

PAULA, J. and HARTNOLL, R. G., The larval and post-larval development of *Percnon gibbesi* (Crustacea, Brachyura, Grapsidae) and the identity of the larval genus *Pluteocaris* 17

RACEY, P. A. (Ed.), Communications from the Mammal Society—No. 58 319
The small mammals of a coastal gravel plain in the Sultanate of Oman, by M. J. DELANY and S. M. S. FAROOK, p. 319; Food of the common genet (*Genetta genetta*) in northern Africa, by M. DELIBES, A. RODRIGUEZ and F. F. PARRENO, p. 321; Lack of geographic variation in the Norwegian lynx *Lynx lynx*, by Ø. WIIG and T. ANDERSEN, p. 326; Shrew captures and rodent field studies, by J. LITTLE and J. GURNELL, p. 329; A relationship between black rats (*Rattus rattus*), Seychelles fruit bats (*Pteropus seychellensis aldabrensis*) and the coccoid (*Icerya seychellarum*) (Insecta, Homoptera) on Aldabra Atoll, Seychelles, by P. ROBERTS, p. 332; A case of intense interspecific aggression between scimitar horned oryx, *Oryx dammah* and addax *Addax nasomaculatus*, by I. J. GORDON, p. 335; The breeding season of Bennett's wallaby (*Macropus rufogriseus rufogriseus*) in Tasmania, by J. D. CURLEWIS, p. 337; Reproductive strategies in female Spanish ibex (*Capra pyrenaica*), by P. FANDOS, p. 339; The distribution of the lesser horseshoe bat *Rhinolophus hipposideros* in Co. Clare, Ireland, by C. M. MCANEY and J. S. FAIRLEY, p. 344

REYNOLDS, P. S. and LAVIGNE, D. M., Photoperiodic effects on post-weaning growth and food consumption in the collared lemming *Dicrostonyx groenlandicus* 109

RIBAS, M., RIUTORT, M. and BAGUÑA, J., Morphological and biochemical variation in populations of *Dugesia* (*G.*) *tigrina* (Turbellaria, Tricladida, Paludicola) from the western Mediterranean: biogeographical and taxonomical implications 609

ROSE, R. W., Embryonic growth rates of marsupials with a note on monotremes 11
RUSSELL, A. P. and BAUER, A. M., Ungual asymmetry in the context of pedal symmetry in *Ailuronyx* (Reptilia: Gekkonidae): modification for an opposable grip 1
SINGH, J. P. N. and MITTAL, A. K., Lipid histochemistry of the epidermis of *Natrix piscator* during its sloughing cycle 39
SWARTZ, S. M., The functional morphology of weight bearing: limb joint surface area allometry in anthropoid primates 441
TRAYLER, K. M., BROTHERS, D. J., WOOLLER, R. D. and POTTER, I. C., Opportunistic foraging by three species of cormorants in an Australian estuary 87
WARD, P. I., Mate choice in *Gammarus* (Amphipoda) 633
WESTLIN-VAN AARDE, L. M., Pre- and post-natal development of pouched mice, *Saccostomus campestris* 497
WHEATER, C. P., Prey detection by some predatory Coleoptera (Carabidae and Staphylinidae) 171
WIKRAMANAYAKE, E. D. and MOYLE, P. B., Ecological structure of tropical fish assemblages in wet-zone streams of Sri Lanka 503
WOOLLEY, P. A., Nest location by spool-and-line tracking of dasyurid marsupials in New Guinea 689
YAHAV, S., SIMSON, S. and NEVO, E., Total body water and adaptive water turnover rate in four chromosomal species of subterranean mole rats of the *Spalax ehrenbergi* superspecies in Israel 461
YOUNG, B. A., Ontogenetic changes in the feeding system of the red-sided garter snake, *Thamnophis sirtalis parietalis*. I. Allometric analysis 365